



A.D. 1873, 31st *MAY*. N° 1975.

Medicinal Compound.

LETTERS PATENT to Samuel Kay and Thomas Kay, of Stockport, in the County of Chester, Chemists, for the Invention of “**A NEW AND IMPROVED UTILIZATION OF LINSEED AND OTHER INGREDIENTS FOR THE MANUFACTURE OF CERTAIN MEDICAL COMPOUNDS.**”

Sealed the 31st October 1873, and dated the 31st May 1873.

PROVISIONAL SPECIFICATION left by the said Samuel Kay and Thomas Kay at the Office of the Commissioners of Patents, with their Petition, on the 31st May 1873.

We, **SAMUEL KAY** and **THOMAS KAY**, of Stockport, in the County of
5 Chester, Chemists, do hereby declare the nature of the said Invention for “**A NEW AND IMPROVED UTILIZATION OF LINSEED AND OTHER INGREDIENTS FOR THE MANUFACTURE OF CERTAIN MEDICAL COMPOUNDS,**” to be as follows:—

We take a strong decoction of the best cleaned linseed and after prolonged boiling strain the same. The strained product is then
10 evaporated and reduced to the plastic consistence of a solid extract. This extract we mix with pounded sugar by powerful trituration, and after rolling, moulding, or shaping the mass we dry it in a heated room by hot air or in any other convenient manner or form.

S. & T. Kay's Improved Medicinal Compound.

We farther use the same ingredients (viz., concentrated linseed extract and sugar), and add thereto before rolling, moulding, or shaping the mass a proportion of any medicament, such as chlorodyne, strong chloric ether or chloral hydrate, but we prefer a chlorodyne made with morphia meconate compound with an expectorant as ipecacuanha or 5 antimony in approved doses.

We farther make an improved medicinal compound which contains concentrated within it the fluid extract of senega, scilla, papavera, marrubium, chivetta, or other tonic, ipecacuanha, or antimony in wine, or both in the approved officinal proportions, and we emulsify the clear 10 liquor with linseed by decoction in close steam jacketed pans. The strained product is then farther medicated with a distillate of star anniseeds, cherry, laurel, tolu balsam, gum benjamin, sulphuric, or chloric ether, and with sufficient mucilage aided by powerful agitators to produce a complete and homogeneous mixture which contains the demulcent 15 properties of linseed combined with the cordial, balsamic, soothing, strengthening, and expectorating properties of the above medicines in a portable and convenient form.

We farther make an aperient pill by taking of the dried herb lenerin catharticum (purging linseed) or mountain flax as it is commonly called, 20 and after boiling the same we inspissate the liquid until an extract is obtained of a plastic consistence. We mix this with other vegetable remedies, rhubarb, aloes, myrrh, cardamoms, mandrake, hyosciamms, and gentian extract, and we use Castile soap wherewith to make a mass and keep soluble and active the various ingredients. 25

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Samuel Kay and Thomas Kay in the Great Seal Patent Office on the 28th November 1873.

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, SAMUEL KAY and THOMAS KAY, of Stockport, in the County of Chester, Chemist, 30 send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Thirty-first day of May, in the year of our Lord One thousand eight hundred and seventy-three, in the

S. & T. Kay's Improved Medicinal Compound.

thirty-sixth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto us, the said Samuel Kay and Thomas Kay, Her special licence that we, the said Samuel Kay and Thomas Kay, our executors, administrators, and assigns, or such others as we, the said
5 Samuel Kay and Thomas Kay, our executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands,
10 and Isle of Man, an Invention for “**A NEW AND IMPROVED UTILIZATION OF LINSEED AND OTHER INGREDIENTS FOR THE MANUFACTURE OF CERTAIN MEDICINAL COMPOUNDS,**” upon the condition (amongst others) that we, the said Samuel Kay and Thomas Kay our executors or administrators, by an instrument in writing under our, or their, or one of their hands and
15 seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

20 **NOW KNOW YE**, that we, the said Samuel Kay and Thomas Kay, do hereby declare the nature of our said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, that is to say :—

We take a strong decoction of the best cleaned linseed and after
25 prolonged boiling strain the same. The strained product is then evaporated and reduced to the plastic consistence of a solid extract. This extract we mix with pounded sugar by powerful trituration, and after rolling, moulding, or shaping the mass we dry it in a heated room by hot air or in any other convenient manner, and when manufactured
30 into lozenge or other forms we call it “linseed lozenge.”

We further use the same ingredients (viz), concentrated linseed extract and sugar, and add thereto before finally rolling, moulding, or shaping the mass a proportion of any medicament, such as chlorodyne, strong chloric ether, or chloral hydrate, but we prefer a chlorodyne
35 composed of morphia (using by preference the meconate solution), chloroformum dissolved in spiritus vini, æther sulphuricus, acidum hydrocyanicum, in proper proportions of officinal doses combined with theriacum and syrupus glycyrrhize flavoured with oleum menthæ

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piperitæ, or other essential oil or aromatic tincture. We combine the compound with an expectorant as ipecacuanha or antimonii tartras in approved doses. We call this when manufactured and dried “chloro-linseed lozenge.”

We further make an improved medicinal compound which contains 5 concentrated within it the fluid extract of senega, scilla, papaver, marrubium, chiretta, or other tonic bitter, and we add ipecacuanha or antimonii tartras, or both, in wine in the approved officinal proportions; we emulsify the clear liquor with linseed “linum usitatissimum” by decoction in steam jacketted pans or otherwise. The strained product is 10 then farther medicated with a distillate of pimpinella anisum, laurocerasus, tolinfera balsamum, storax benzoin, æther sulphuricus et chloricus, with sufficient mucilage aided by powerful agitators to produce a complete and homogeneous mixture, which contains the demulcent properties of linseed combined with the cordial, balsamic, soothing, 15 strengthening, and expectorating properties of the above medicines in a portable and convenient form. We call this “Compound Essence of Linseed.”

We further make an improved aperient pill by taking of the dried herb linum catharticum (purging linseed) or mountain flax as it is 20 commonly called, and after boiling the same we inspissate the liquid until an extract is obtained of a plastic consistence. We mix this with other vegetable remedies rheum, aloes, myrrha, cardamomum minus, podophyllum peltatum, hyociamus, and gentiana in the form of extract, and we use the sapo Castiliensis wherewith to make a mass and to keep 25 soluble and active the various ingredients. We call this the “linum catharticum” or purging linseed pill.

In witness whereof, we, the said Samuel Kay and Thomas Kay, have hereunto set our hands and seals, this Twenty-fifth day of November, in the year of our Lord One thousand eight hundred 30 and seventy-three.

SAM^L. KAY. (L.S.)

THOMAS KAY. (L.S.)

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